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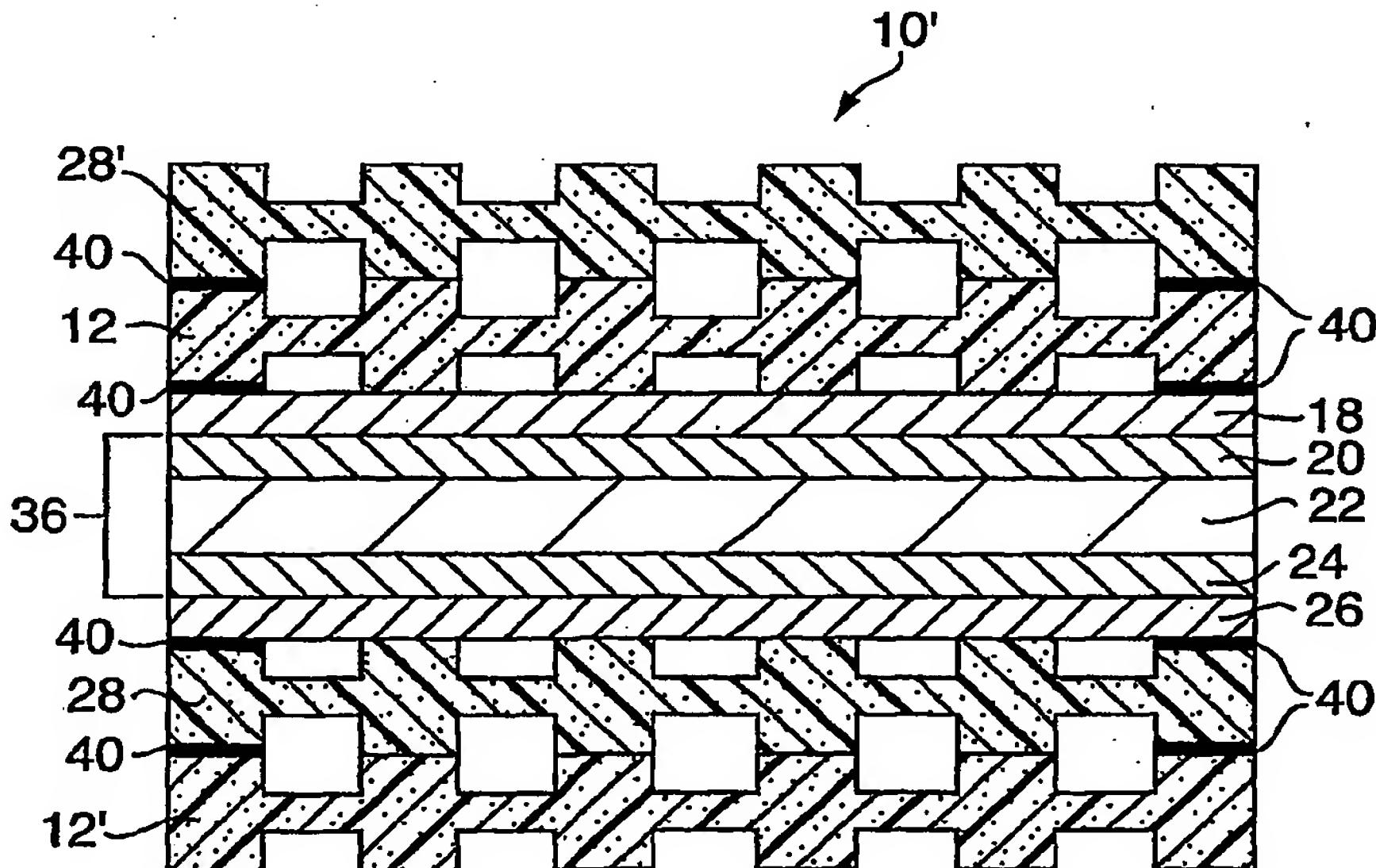
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(54) Title: POLYMERIZABLE COMPOSITIONS FOR BONDING AND SEALING LOW SURFACE ENERGY SUBSTRATES FOR FUEL CELLS



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(57) Abstract: An electrochemical cell (10) having improved sealing against leakage includes a cured sealant composition (40) adhesively bonded to the mating surface of components in the cell (10). The cured sealant composition includes reaction products of a polymerizable (meth)acrylate component and a boron-containing initiator. Such a sealant composition is particularly useful as an adhesive for plastic or plastic containing substrates disposed in the electrochemical cell (10).



**Declaration under Rule 4.17:**

— *as to the identity of the inventor (Rule 4.17(i)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),*

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